

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021424\  
 Data File : VX040230.D  
 Acq On : 14 Feb 2024 18:59  
 Operator : JC/MD  
 Sample : P1462-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 20240762-39N-N-FIELD-BLANK-1

Quant Time: Feb 15 00:07:03 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020924W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 12 00:21:14 2024  
 Response via : Initial Calibration

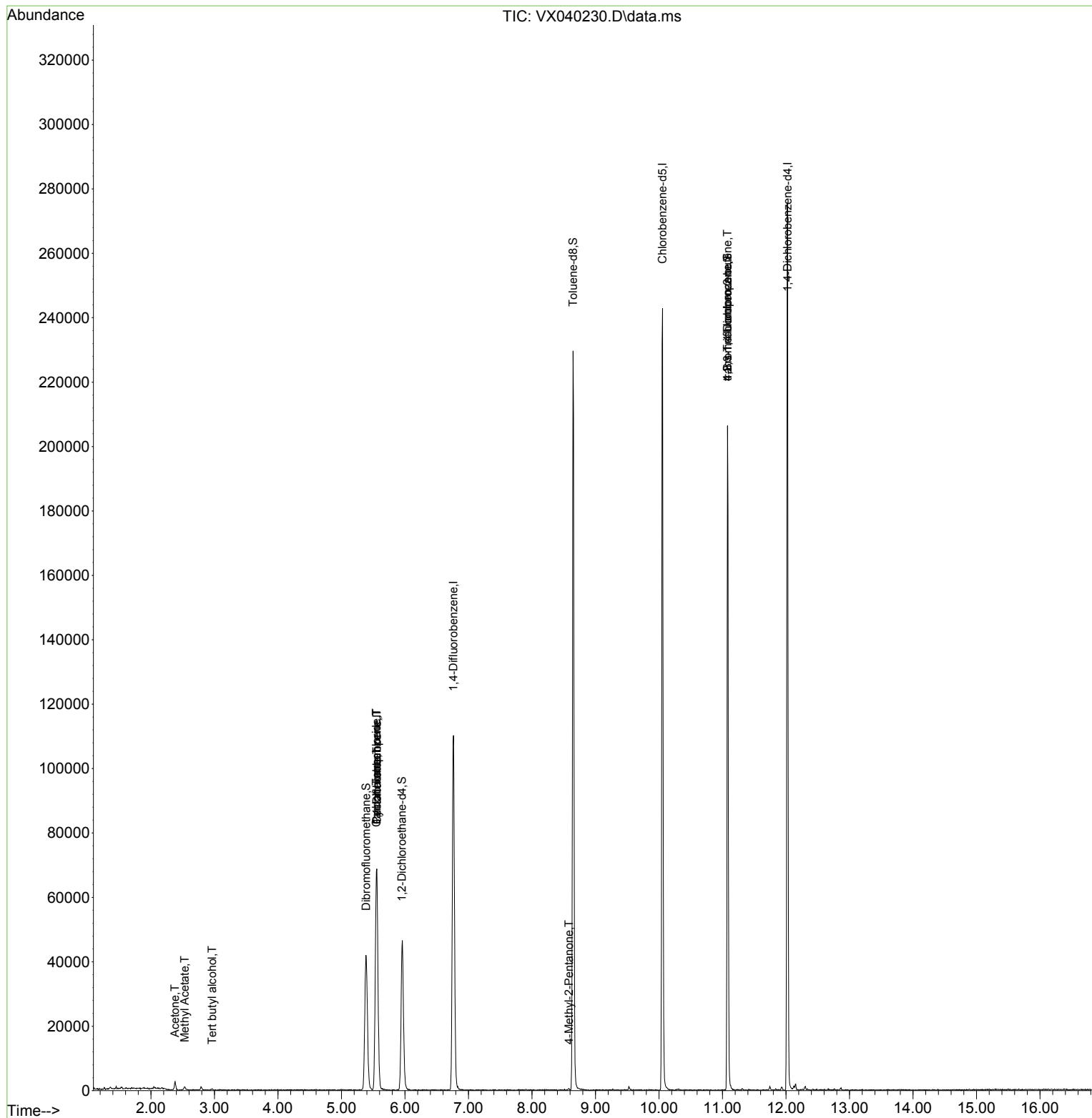
| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 5.556  | 168   | 68400    | 50.000    | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 115104   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 110451   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 59325    | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.952  | 65    | 44034    | 43.273    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery  | =      | 86.540%  |
| 35) Dibromofluoromethane      | 5.385  | 113   | 36475    | 45.377    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 90.760%  |
| 50) Toluene-d8                | 8.647  | 98    | 137131   | 45.606    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery  | =      | 91.220%# |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 55446    | 45.213    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | =      | 90.420%  |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 11) Tert butyl alcohol        | 2.965  | 59    | 329      | 1.660     | ug/l   | # 78     |
| 16) Acetone                   | 2.380  | 43    | 2574     | 6.159     | ug/l   | # 88     |
| 18) Methyl Acetate            | 2.532  | 43    | 333      | 0.297     | ug/l   | # 53     |
| 20) Methylene Chloride        | 2.788  | 84    | 379      | Below Cal |        | 90       |
| 31) Cyclohexane               | 5.556  | 56    | 1388     | 1.144     | ug/l   | # 31     |
| 36) 1,1-Dichloropropene       | 5.556  | 75    | 5240     | 4.654     | ug/l   | # 51     |
| 38) Carbon Tetrachloride      | 5.550  | 117   | 7096     | 6.628     | ug/l   | # 11     |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43    | 322      | 0.241     | ug/l   | # 79     |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 28603    | 23.809    | ug/l   | # 39     |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 28603    | 65.661    | ug/l   | # 5      |
| -----                         |        |       |          |           |        |          |

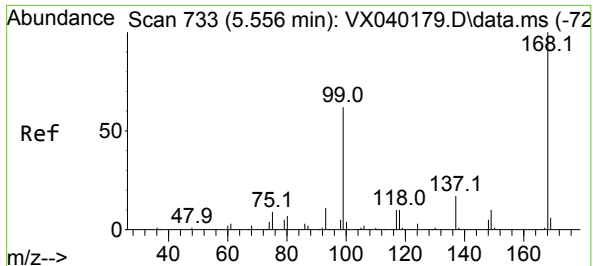
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021424\  
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Sample : P1462-01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
20240762-39N-N-FIELD-BLANK-1

Quant Time: Feb 15 00:07:03 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020924W.M  
Quant Title : SW846 8260  
QLast Update : Mon Feb 12 00:21:14 2024  
Response via : Initial Calibration

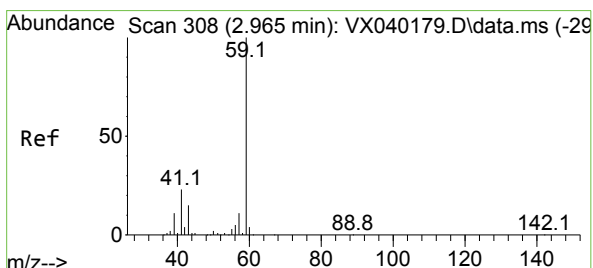
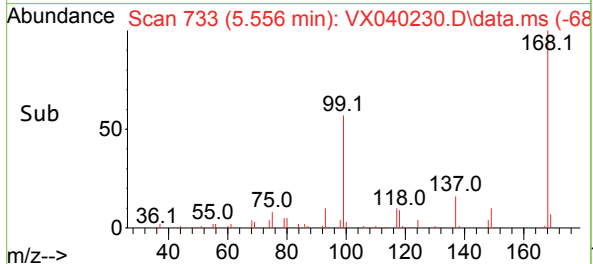
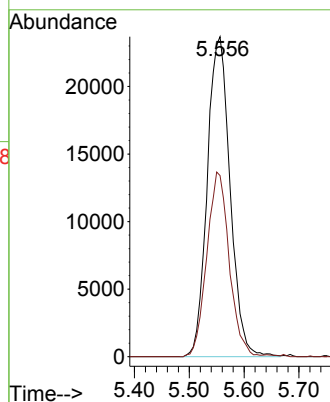
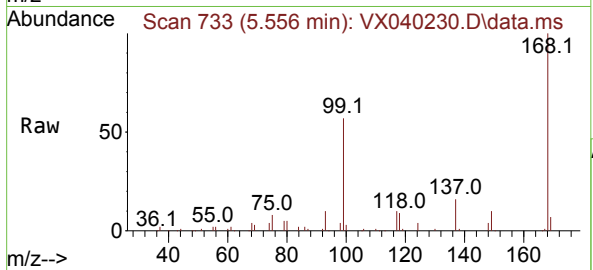




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX040230.D  
Acq: 14 Feb 2024 18:59

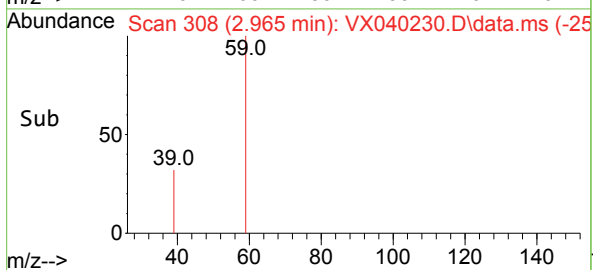
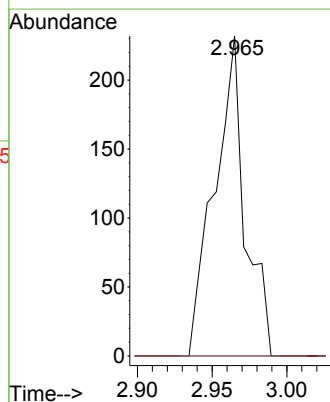
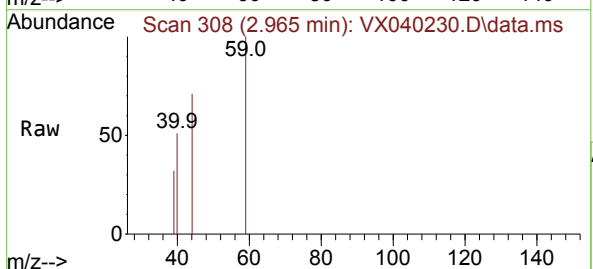
Instrument :  
MSVOA\_X  
ClientSampleId :  
20240762-39N-N-FIELD-BLANK-1

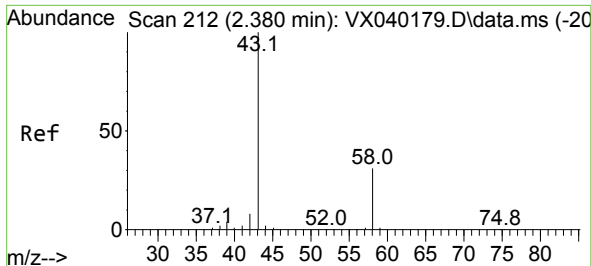
Tgt Ion:168 Resp: 68400  
Ion Ratio Lower Upper  
168 100  
99 56.6 56.6 85.0#



#11  
Tert butyl alcohol  
Concen: 1.660 ug/l  
RT: 2.965 min Scan# 308  
Delta R.T. 0.000 min  
Lab File: VX040230.D  
Acq: 14 Feb 2024 18:59

Tgt Ion: 59 Resp: 329  
Ion Ratio Lower Upper  
59 100  
57 0.0 6.0 9.0#

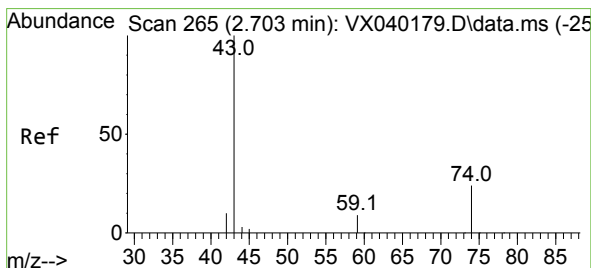
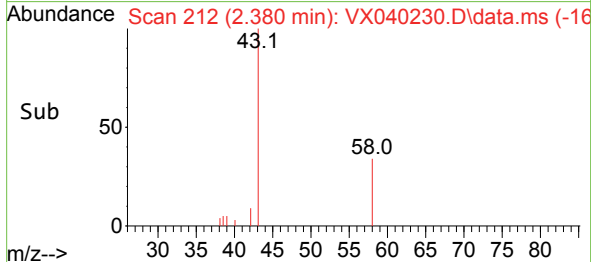
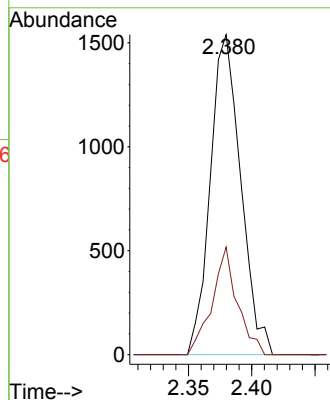
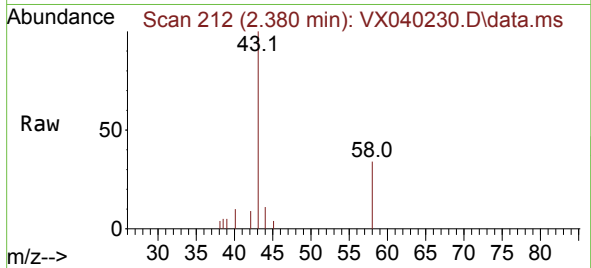




#16  
Acetone  
Concen: 6.159 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX040230.D  
Acq: 14 Feb 2024 18:59

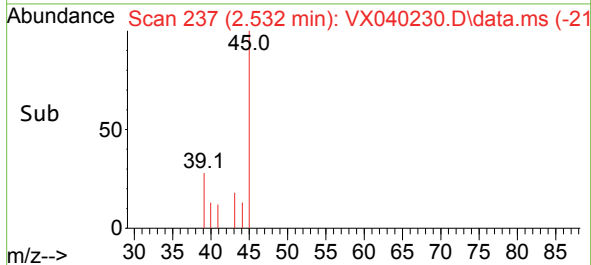
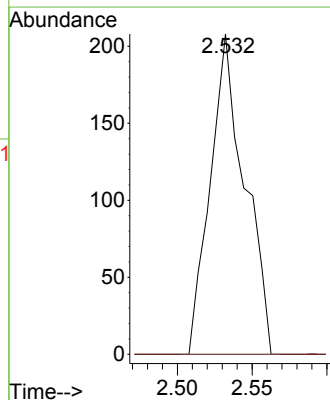
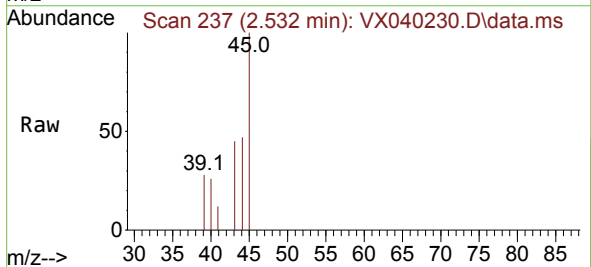
Instrument :  
MSVOA\_X  
ClientSampleId :  
20240762-39N-N-FIELD-BLANK-1

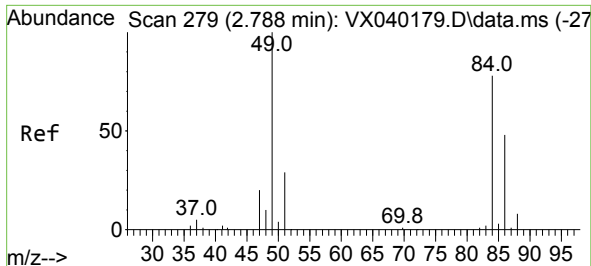
Tgt Ion: 43 Resp: 2574  
Ion Ratio Lower Upper  
43 100  
58 33.6 21.9 32.9#



#18  
Methyl Acetate  
Concen: 0.297 ug/l  
RT: 2.532 min Scan# 237  
Delta R.T. -0.170 min  
Lab File: VX040230.D  
Acq: 14 Feb 2024 18:59

Tgt Ion: 43 Resp: 333  
Ion Ratio Lower Upper  
43 100  
74 0.0 17.8 26.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040230.D

Acq: 14 Feb 2024 18:59

Instrument :

MSVOA\_X

ClientSampleId :

20240762-39N-N-FIELD-BLANK-1

Tgt Ion: 84 Resp: 379

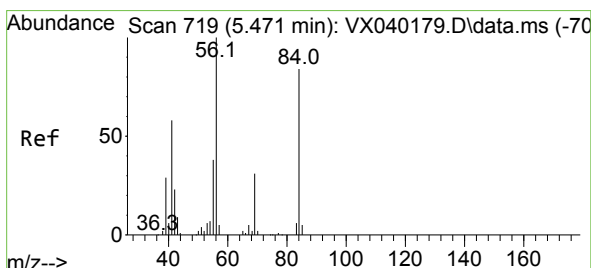
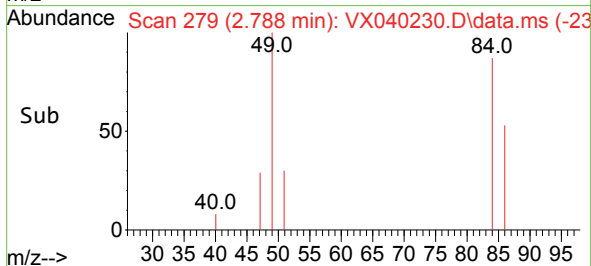
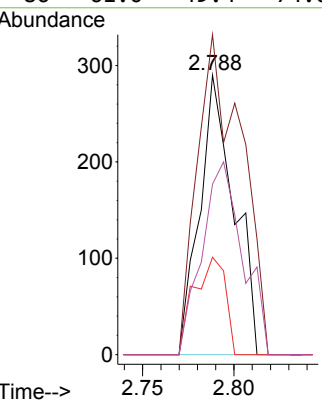
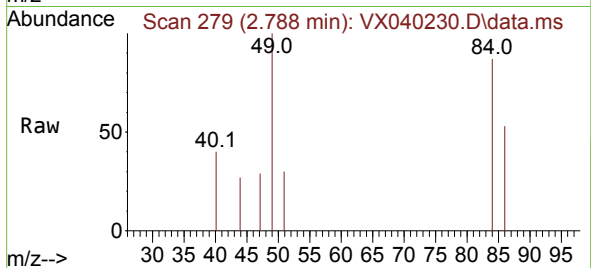
Ion Ratio Lower Upper

84 100

49 114.5 103.6 155.4

51 34.8 33.8 50.6

86 61.0 49.4 74.0



#31

Cyclohexane

Concen: 1.144 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX040230.D

Acq: 14 Feb 2024 18:59

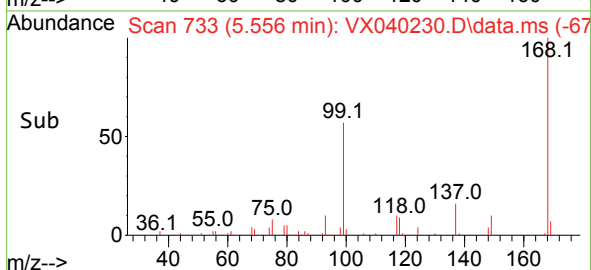
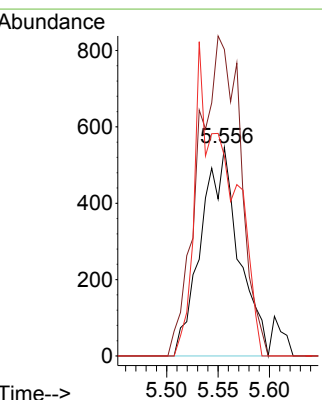
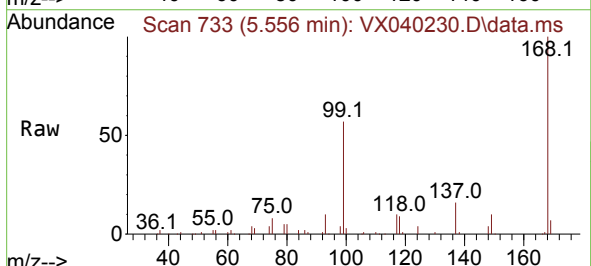
Tgt Ion: 56 Resp: 1388

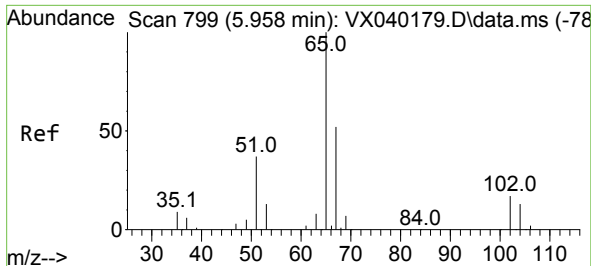
Ion Ratio Lower Upper

56 100

69 147.1 23.4 35.2#

84 96.0 65.9 98.9

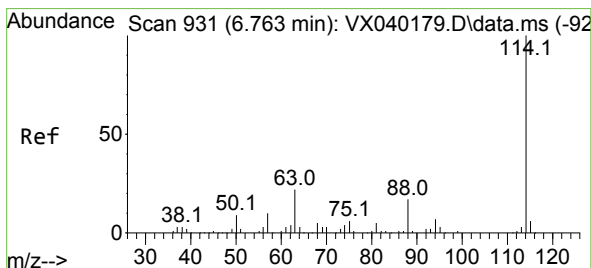
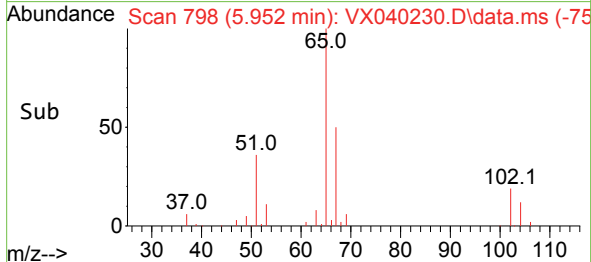
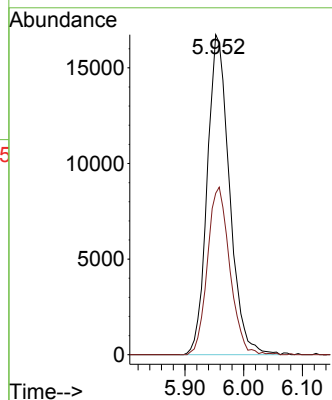
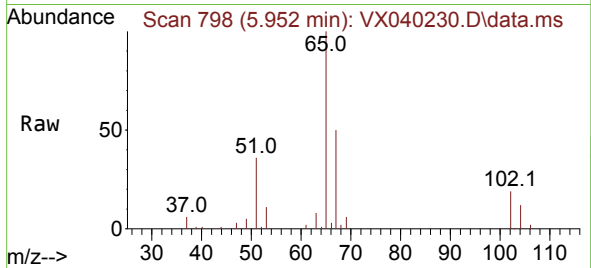




#33  
1,2-Dichloroethane-d4  
Concen: 43.273 ug/l  
RT: 5.952 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VX040230.D  
Acq: 14 Feb 2024 18:59

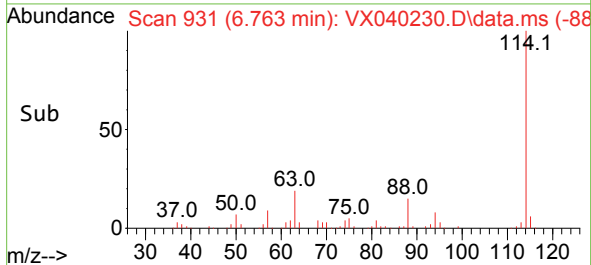
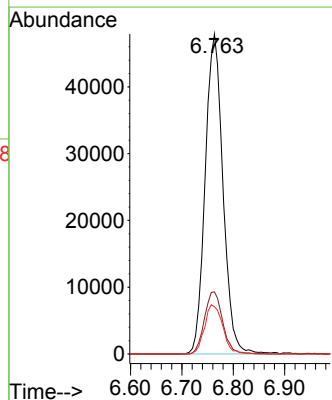
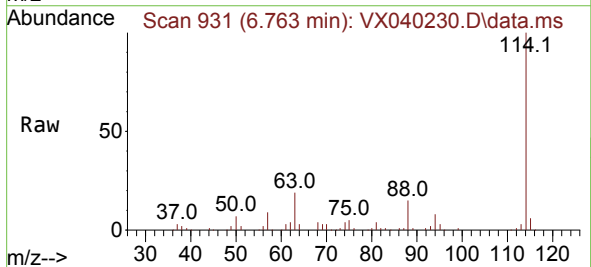
Instrument :  
MSVOA\_X  
ClientSampleId :  
20240762-39N-N-FIELD-BLANK-1

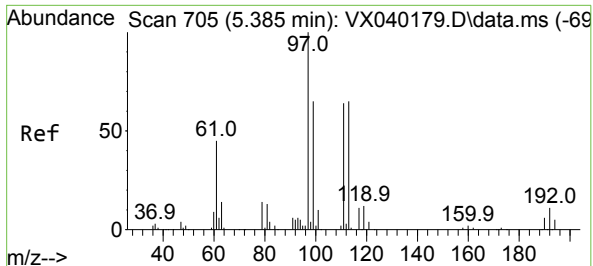
Tgt Ion: 65 Resp: 44034  
Ion Ratio Lower Upper  
65 100  
67 52.6 0.0 100.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. 0.000 min  
Lab File: VX040230.D  
Acq: 14 Feb 2024 18:59

Tgt Ion:114 Resp: 115104  
Ion Ratio Lower Upper  
114 100  
63 19.4 0.0 45.0  
88 14.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.377 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040230.D

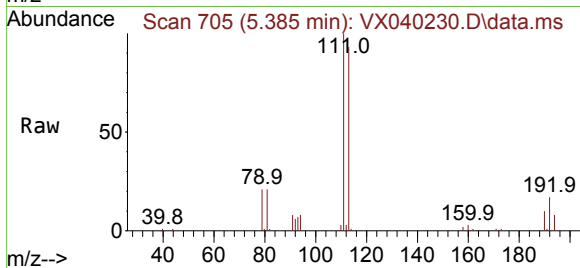
Acq: 14 Feb 2024 18:59

Instrument :

MSVOA\_X

ClientSampleId :

20240762-39N-N-FIELD-BLANK-1



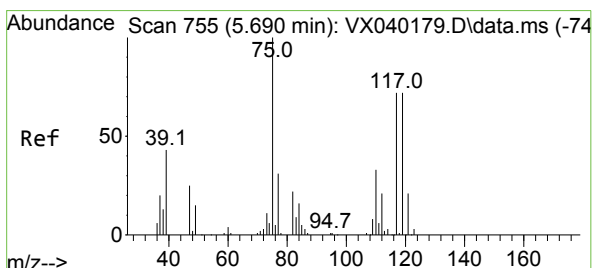
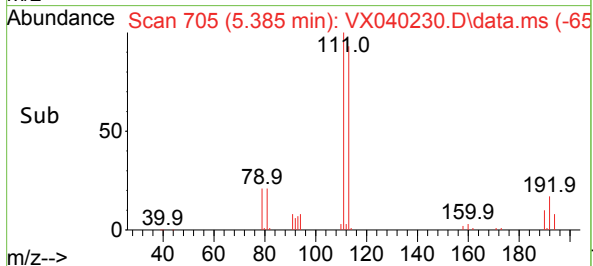
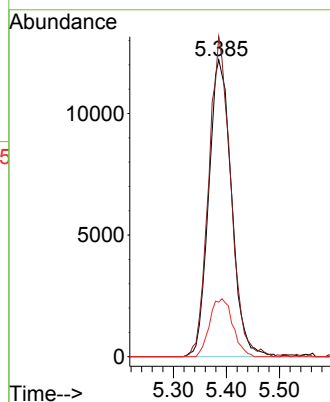
Tgt Ion:113 Resp: 36475

Ion Ratio Lower Upper

113 100

111 104.1 82.9 124.3

192 19.8 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.654 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX040230.D

Acq: 14 Feb 2024 18:59

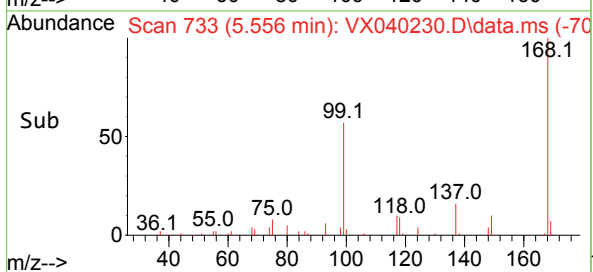
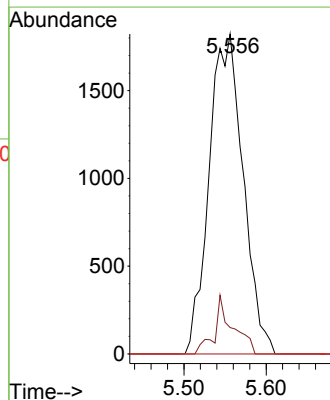
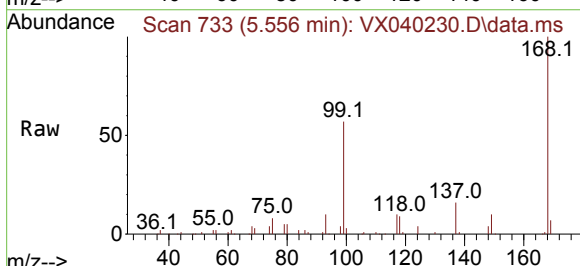
Tgt Ion: 75 Resp: 5240

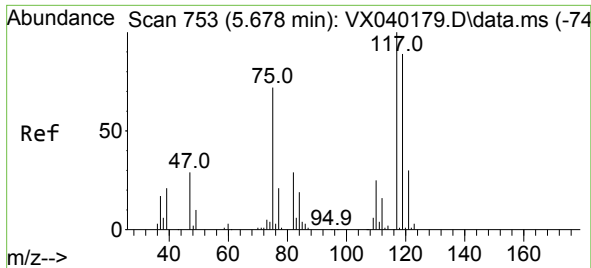
Ion Ratio Lower Upper

75 100

110 9.8 17.0 50.9#

77 0.0 24.7 37.1#

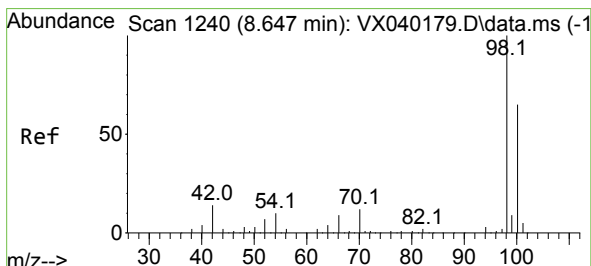
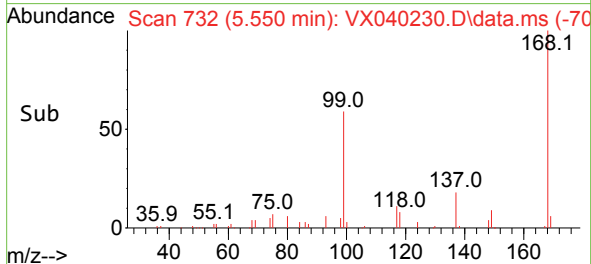
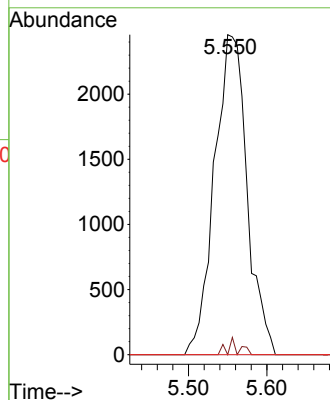
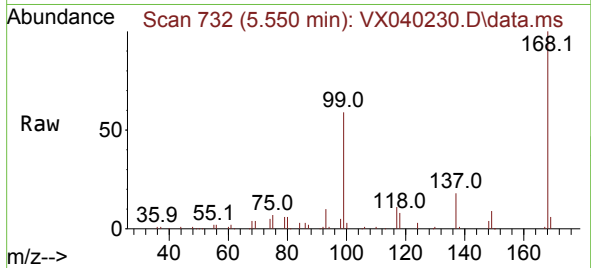




#38  
Carbon Tetrachloride  
Concen: 6.628 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.122 min  
Lab File: VX040230.D  
Acq: 14 Feb 2024 18:59

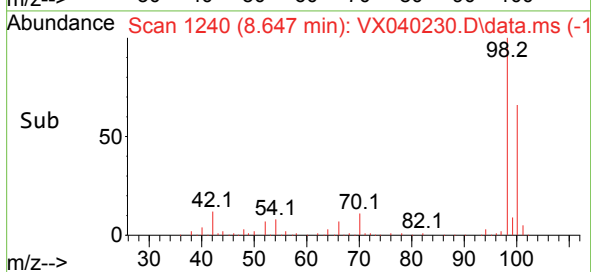
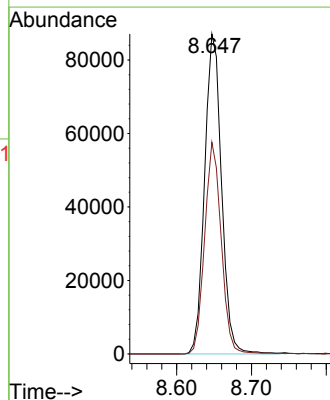
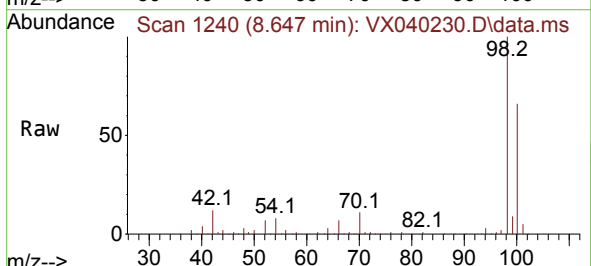
Instrument :  
MSVOA\_X  
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Tgt Ion:117 Resp: 7096  
Ion Ratio Lower Upper  
117 100  
119 0.0 78.2 117.2#  
121 0.0 24.4 36.6#

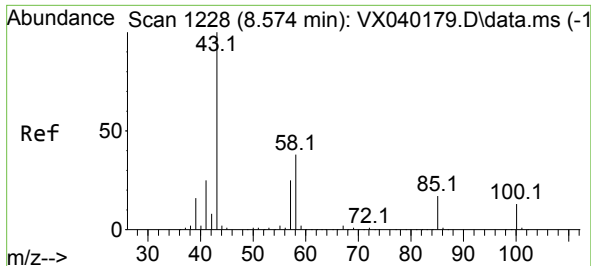


#50  
Toluene-d8  
Concen: 45.606 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.006 min  
Lab File: VX040230.D  
Acq: 14 Feb 2024 18:59

Tgt Ion: 98 Resp: 137131  
Ion Ratio Lower Upper  
98 100  
100 64.8 53.1 79.7



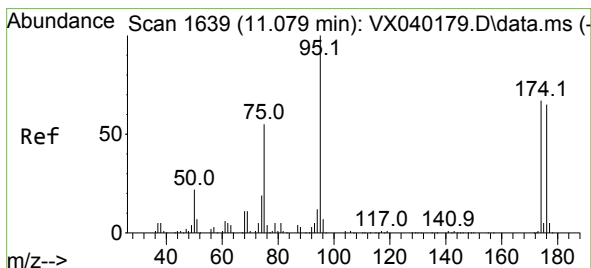
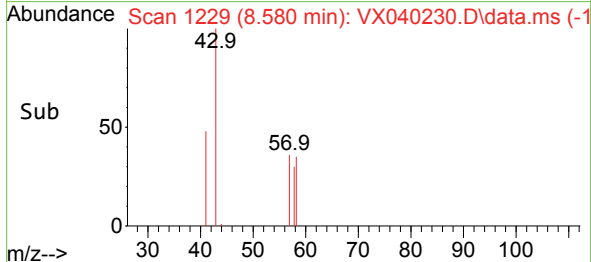
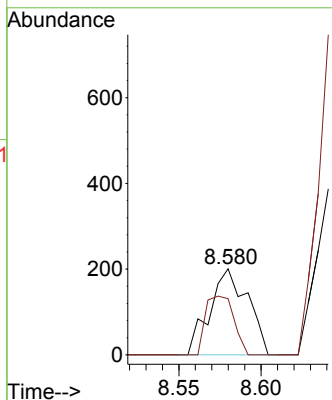
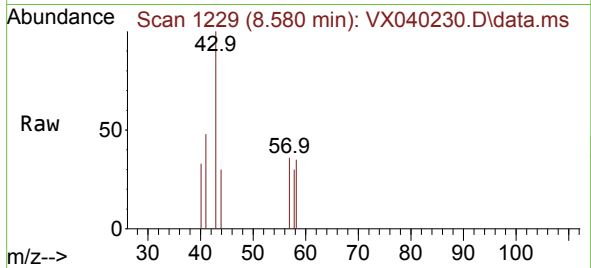




#51  
4-Methyl-2-Pentanone  
Concen: 0.241 ug/l  
RT: 8.580 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX040230.D  
Acq: 14 Feb 2024 18:59

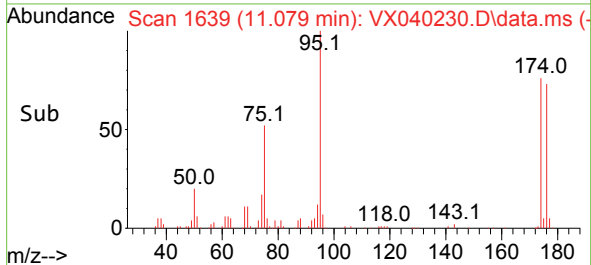
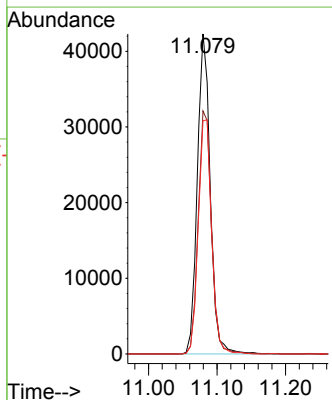
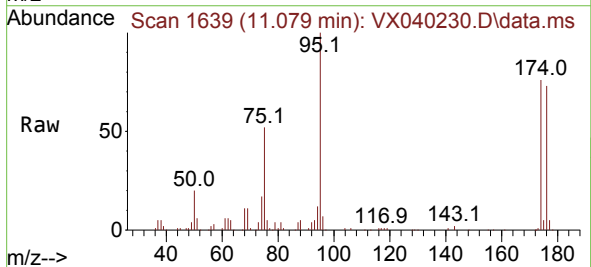
Instrument :  
MSVOA\_X  
ClientSampleId :  
20240762-39N-N-FIELD-BLANK-1

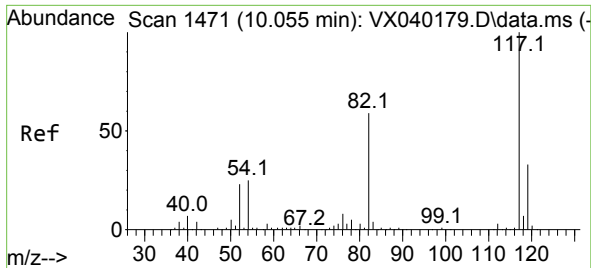
Tgt Ion: 43 Resp: 322  
Ion Ratio Lower Upper  
43 100  
58 50.9 30.4 45.6#



#62  
4-Bromofluorobenzene  
Concen: 45.213 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX040230.D  
Acq: 14 Feb 2024 18:59

Tgt Ion: 95 Resp: 55446  
Ion Ratio Lower Upper  
95 100  
174 78.7 0.0 135.6  
176 75.6 0.0 131.0

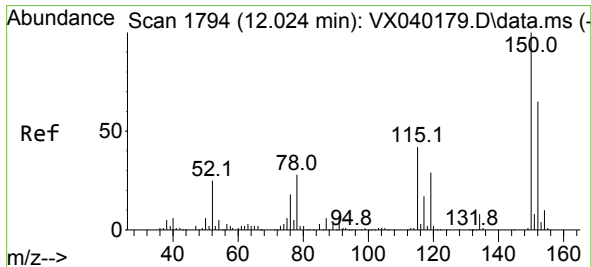
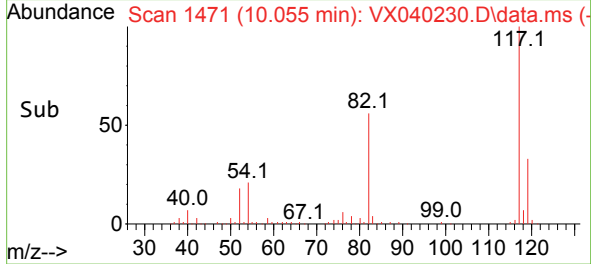
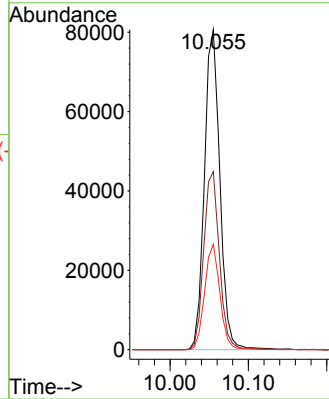
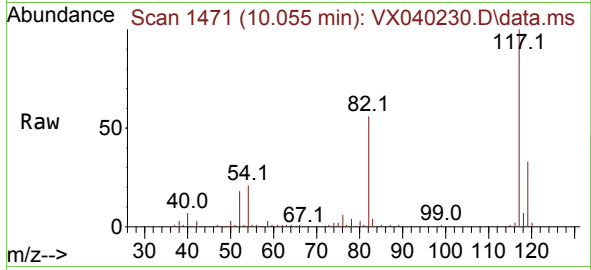




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX040230.D  
Acq: 14 Feb 2024 18:59

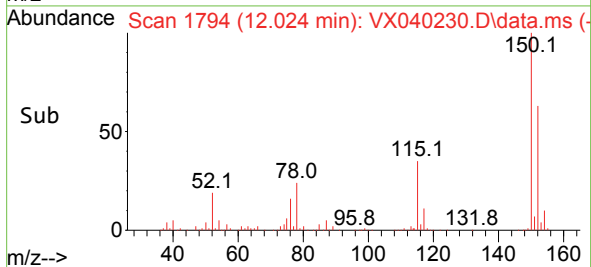
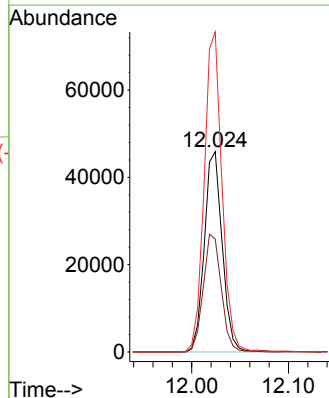
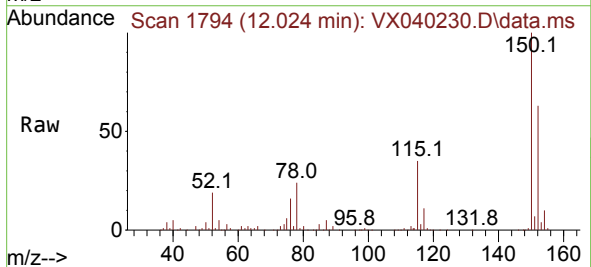
Instrument : MSVOA\_X  
ClientSampleId : 20240762-39N-N-FIELD-BLANK-1

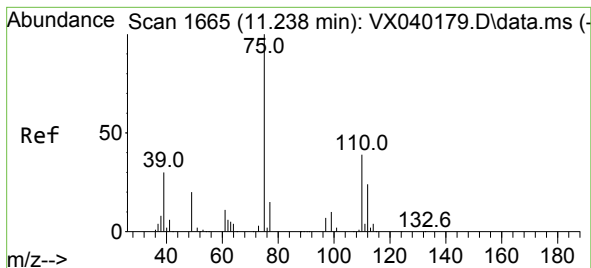
|             |              |
|-------------|--------------|
| Tgt Ion:117 | Resp: 110451 |
| Ion Ratio   | Lower Upper  |
| 117 100     |              |
| 82 55.6     | 46.2 69.4    |
| 119 33.0    | 25.5 38.3    |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX040230.D  
Acq: 14 Feb 2024 18:59

|             |             |
|-------------|-------------|
| Tgt Ion:152 | Resp: 59325 |
| Ion Ratio   | Lower Upper |
| 152 100     |             |
| 115 59.1    | 43.3 129.9  |
| 150 158.4   | 0.0 345.0   |





#76

1,2,3-Trichloropropane

Concen: 23.809 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040230.D

Acq: 14 Feb 2024 18:59

Instrument :

MSVOA\_X

ClientSampleId :

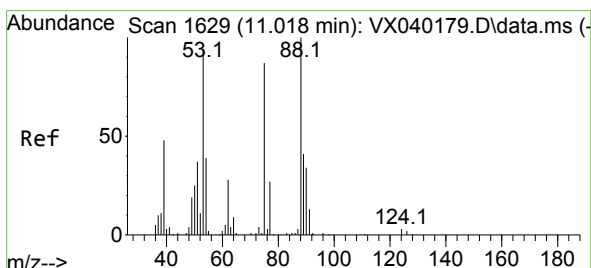
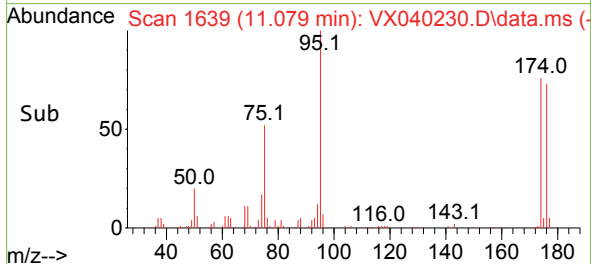
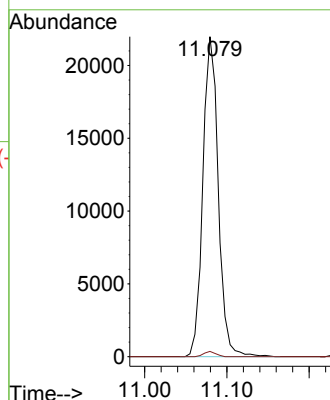
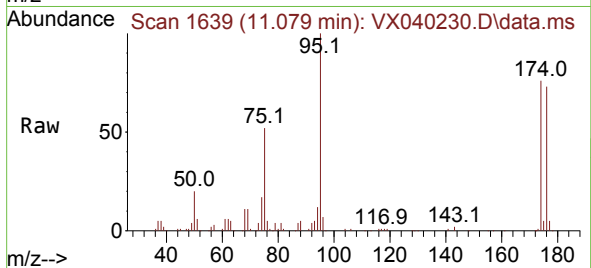
20240762-39N-N-FIELD-BLANK-1

Tgt Ion: 75 Resp: 28603

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.661 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040230.D

Acq: 14 Feb 2024 18:59

Tgt Ion: 75 Resp: 28603

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

